



Log Reference

FortiSwitchOS 7.4.0



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FortiSwitchOS 7.4.0 Log Reference

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Change log

Date	Change Description
June 2, 2023	Initial release for FortiSwitchOS 7.4.0

Introduction

Logging is an integral component of the FortiSwitch system. This document provides the FortiSwitch event log messages and their meanings, organized by category.

Priority levels

The Severity field indicates the priority of the log message with emergency being the highest priority and debug being the lowest priority.

Severity	Description
Emergency	The system is unusable or not responding.
Alert	Immediate action required. Used in security logs.
Critical	Functionality is affected.
Error	An error exists and functionality could be affected.
Warning	Functionality could be affected.
Notification	Information about normal events.
Information	General information about system operations. Used in event logs to record configuration changes.
Debug	Debug information.

Link log messages

The log messages in this section are for link issues.

Physical port changed

ID	1000
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"<port_name>\"
Meaning	The specified physical port has gone up or down.

Physical port active trunk member

ID	1001
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"Physical port (<port_name>) became active member of trunk (<trunk_name>)\"
Meaning	The specified physical port is now an active member of the specified trunk.

Physical port inactive trunk member

ID	1002
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"Physical port (<port_name>) became non-active member of trunk (<trunk_name>)\"
Meaning	The specified physical port is now an inactive member of the specified trunk.

Trunk failed to add physical port

ID	1003
Type	Event log
Subtype	Link
Severity	Error
Message	<ul style="list-style-type: none">• msg="failed to add <port_name> to trunk <trunk_name> error=<error> rollback={yes no}"• msg="failed to set member <port_name> ipmac-binding-status(<status>) error=<error> rollback={yes no}"
Meaning	The specified trunk failed to add the specified physical port.

Trunk failed to remove physical port

ID	1004
Type	Event log
Subtype	Link
Severity	Error
Message	<ul style="list-style-type: none">• msg="failed to remove <port_name> from trunk <trunk_name> error=<error> rollback={yes no}"• msg="failed to set member <port_name> ipmac-binding-status(<status>) error=<error> rollback={yes no}"• msg="Failed to set member <port_name> source-guard status error=<error> rollback={yes no}"• msg="failed to fetch VLANs for trunk member <port_name> error=<error> rollback={yes no}"• msg="unable to remove member <port_name> error=<error>"• msg="Failed to get native vlan of trunk member <port_name> error=<error>"
Meaning	The specified physical port is now an active member of the specified trunk.

DMI port changed

ID	1050-1057
Type	Event log
Subtype	Link

Severity	Varies
Message	msg="\<port_name>\"
Meaning	There was a change in the physical port used for the diagnostic monitoring interface (DMI).

Trunk status

ID	1200
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="\<port_name>\"
Meaning	One of the members of a trunk is down.

Loopback error

ID	1250
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="\An illegal loopback occurred on adapter (<port_name>)\nCheck the configuration to verify that all adapters are connected to 802.3ad compliant switch ports.\"
Meaning	A loopback occurred in a link aggregation group (LAG).

Entering LACP fallback mode

ID	1251
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="\Trunk <trunk_name> entering fallback mode with fallback-port (<port_name>)\"

Meaning	The LACP fallback mode was entered because the trunk did not receive any LACP protocol data units (PDUs).
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Exiting LACP fallback mode

ID	1252
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="Trunk <trunk_name> exiting fallback mode"
Meaning	The LACP fallback mode was exited because the trunk started to receive LACP PDUs again.

ICL ACL change

ID	1300
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: ICL ACL change ingress-port-bitmap=<port_name>, egress-block-port-bitmap=<port_name>"
Meaning	There was a change in the access control list (ACL) policy used by the MCLAG ICL trunk.

An MCLAG peer lost

ID	1301
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: lost peer info for trunk(<trunk_name>) peer-timeout(<time>) sb(<split-brain>)"
Meaning	The FortiSwitch unit cannot detect one of the MCLAG peers.

Model mismatch of MCLAG peers

ID	1302
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="MCLAG: **Unsupported config, peer model mismatch local-model(<switch1_model>) peer-model(<peer_switch2_model>)"
Meaning	The MCLAG peers are different FortiSwitch models.

Model mismatch of MCLAG peers fixed

ID	1303
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: Cleared **Unsupported config, peer model mismatch local-model(<switch1_model>) peer-model(<switch2_model>)"
Meaning	The MCLAG peers have been changed to be the same FortiSwitch model.

Software mismatch of MCLAG peers

ID	1304
Type	Event log
Subtype	Link
Severity	Warning
Message	msg="MCLAG: **peer software mismatch local-software(<switch1_firmware>) peer-software(<switch2_firmware>)"
Meaning	The MCLAG peers are running different versions of FortiSwitchOS.

Software mismatch of MCLAG peers fixed

ID	1305
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: Cleared **peer software mismatch local-software(<switch1_firmware>) peer-software(<switch2_firmware>)"
Meaning	The MCLAG peers are now running the same version of FortiSwitchOS.

One MCLAG peer link up

ID	1306
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: <trunk_name> at least one peer link up"
Meaning	One or more of the MCLAG peer links is up.

All MCLAG peer links down

ID	1307
Type	Event log
Subtype	Link
Severity	Notice
Message	msg="MCLAG: <trunk_name> all peer link down"
Meaning	All MCLAG peer links are down.

MCLAG peer misconfigured

ID	1308
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"MCLAG: <trunk_name> peer misconfigured\"
Meaning	One of the MCLAG peers is misconfigured.

MCLAG peer misconfigured fixed

ID	1309
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"MCLAG: <trunk_name> peer misconfiguration cleared\"
Meaning	The MCLAG peers are configured correctly now.

MCLAG misconfigured

ID	1310
Type	Event log
Subtype	Link
Severity	Critical
Message	msg=\"MCLAG: misconfigured out of LAG table entry\"
Meaning	The MCLAG is misconfigured.

MAC addresses unsynchronized in MCLAG peers

ID	1311
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Type	Event log
Subtype	Link
Severity	Warning
Message	msg=\"MCLAG:<trunk_name> ports=<port_name> MAC mismatch local-mac= peer-mac=\"
Meaning	MAC addresses in MCLAG peers are not synchronized.

ACL failure

ID	1312
Type	Event log
Subtype	Link
Severity	Critical
Message	msg=\"MCLAG: ACL failures are detected\"
Meaning	The access control list (ACL) in the MCLAG failed.

MCLAG peer joined

ID	1313
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"MCLAG peer <switch_interface> joined.\"
Meaning	A peer switch has joined the MCLAG.

Split-brain state detected

ID	1314
Type	Event log
Subtype	Link
Severity	Critical

Message	msg=\"MCLAG split-brain occurred, this switch may go to dormant.\"
Meaning	When the split-brain state occurs, one of switches in the MCLAG goes dormant. Any devices connected to the dormant switch will lose network connectivity. The switch that goes dormant is the switch with the lowest numerical MAC address between the two peers.

VLAN configuration failure

ID	1315
Type	Event log
Subtype	Link
Severity	Warning
Message	msg=\"MCLAG: ICL vlan configuration failure\"
Meaning	The VLAN configuration in the MCLAG failed.

Switch port up

ID	1400
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"<switch_serial_number> switch port <port_name> has come up\"
Meaning	The specified FortiSwitch port is now up.

Switch port down

ID	1401
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"<switch_serial_number> switch port <port_name> has gone down\"
Meaning	The specified FortiSwitch port is now down.

Switch interface link changed

ID	1450
Type	Event log
Subtype	Link
Severity	Notice
Message	msg=\"interface <interface_name> link status is <status>\"
Meaning	The status of the specified interface link has changed.

PoE log messages

The log messages in this section are for power over Ethernet (PoE) issues.

PoE controller resynchronizing

ID	2000
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\" POE controller resync start.\\\"
Meaning	The PoE controller has started to resynchronize.

PoE controller resynchronized

ID	2001
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\" POE controller resync done.\\\"
Meaning	The PoE controller has finished resynchronizing.

PoE system mask set

ID	2002
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\" system mask <IP_address_netmask> has been set\\\"
Meaning	The PoE system mask was set.

PoE port settings restored

ID	2003
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\"PoE port settings been restored\"
Meaning	The PoE port settings were restored.

PoE disabled on overloaded port

ID	2004
Type	Event log
Subtype	PoE
Severity	Warning
Message	msg=\"Port <port_name> Overload state. POE disabled\"
Meaning	PoE was disabled on the specified physical port because it was overloaded.

PoE guard band and power budget set

ID	2005
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\" guard band <number_of_Watts> and power budget <number_of_Watts> been set\"
Meaning	The PoE guard band and power budget were set globally.

PoE settings saved

ID	2006
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Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\"PoE settings been saved\"
Meaning	The PoE settings were saved.

PoE factory reset

ID	2007
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\"PoE been factory reset\"
Meaning	The PoE settings were reset to factory default settings.

PoE unit test

ID	2008
Type	Event log
Subtype	PoE
Severity	Varies
Message	msg=\" unit test been performed\"
Meaning	A PoE unit test was performed.

PoE negotiation in LLDP-MED configuration

ID	2010
Type	Event log
Subtype	PoE
Severity	Information

Message	msg="\lldp poe info received from <port_name>\"
Meaning	PoE negotiation in LLDP- MED has been enabled or disabled for the specified port.

PoE port temperature exceeded threshold

ID	2011
Type	Event log
Subtype	PoE
Severity	Warning
Message	msg="\<temperature1 temperature2 temperature3 temperature4 temperature5 temperature6 temperature7 temperature8 temperature9 temperature10 temperature11 temperature12> \"
Meaning	The temperature sensor detected that the temperature specified for the PoE port exceeded the set threshold.

LLDP disabled

ID	2013
Type	Event log
Subtype	PoE
Severity	Information
Message	msg="\lldp disabled\"
Meaning	The LLDP configuration was disabled for the PoE port.

PoE port temperature

ID	2014
Type	Event log
Subtype	PoE
Severity	Varies
Message	port="\<port_name>\\" Temperature = \" <temperature>\"
Meaning	The temperature sensor detected that the temperature for the PoE port changed.

Router log messages

The log messages in this section are for router issues.

Layer-3 hardware routing table full

ID	3000
Type	Event log
Subtype	Router
Severity	Warning
Message	<ul style="list-style-type: none">• msg=Hardware table full.Packets may get either covered by a less specific prefix or software forwarded\n• msg=\"IPMC Hardware table full.\n\"
Meaning	The layer-3 routing table used for hardware-based layer-3 forwarding is full. Software-based forwarding or a less specific prefix will be used for packets.

Layer-3 egress/host routing table full

ID	3001
Type	Event log
Subtype	Router
Severity	Error
Message	msg=\"L3 egress/host table full\"
Meaning	The layer-3 egress/host routing table is full.

Policy-based routing failed

ID	3002
Type	Event log
Subtype	Router

Severity	Warning
Message	msg=\ <code>"PBR ACL add failed. UniqIdx: <ID> IfIndex: <index> Error: <error>"</code>
Meaning	Policy-based routing (PBR) failed because the layer-3 routing table is full.

Gateway group state change or routing information changed

ID	3050
Type	Event log
Subtype	Router
Severity	Critical
Message	<ul style="list-style-type: none">msg=\<code>"The status of <interface_name> for gateway group <IP_address> is <state>"</code>msg=\<code>"<state>"</code>
Meaning	<ul style="list-style-type: none">The state of the gateway group has changed.The routing information has changed because the gateway has changed to up or down.

Router out of memory

ID	3100
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\ <code>"radvd_iface_set_config() finds a pointer pointing to a wrong addressInterface <interface_name> Out of memory in <IP_address>"</code>
Meaning	The router is out of memory for the specified interface.

Interface cannot be found

ID	3101
Type	Event log
Subtype	Router
Severity	Critical

Message	msg="ravdv_iface_same_config() cannot find the corresponding interface by nameInterface <switch_interface_name> not found in <IP_address>"
Meaning	The router cannot find the specified interface.

Interface uses Mobile IPv6 extensions

ID	3102
Type	Event log
Subtype	Router
Severity	Information
Message	msg="An interface uses Mobile IPv6 extensionsusing Mobile IPv6 extensions"
Meaning	An interface uses Mobile IPv6 extensions.

MinRtrAdvInterval or MaxRtrAdvInterval out of range

ID	3103
Type	Event log
Subtype	Router
Severity	Critical
Message	<ul style="list-style-type: none"> msg="MinRtrAdvInterval using Mobile Ipv6 extension is out of rangeMinRtrAdvInterval for <interface_name> must be between <value_1> and <value_2>" msg="MinRtrAdvInterval is out of rangeMinRtrAdvInterval must be between <value_1> and <value_2> for <interface_name>" msg="MaxRtrAdvInterval using Mobile Ipv6 extension is out of rangeMaxRtrAdvInterval for <interface_name> must be between <value_1> and <value_2>" msg="MaxRtrAdvInterval is out of rangeMaxRtrAdvInterval must be between <value_1> and <value_2> for <interface_name>"
Meaning	The MinRtrAdvInterval or MaxRtrAdvInterval value is out of the specified range and must be changed.

AdvLinkMTU out of range or too small

ID	3105
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Type	Event log
Subtype	Router
Severity	Critical
Message	<ul style="list-style-type: none"> • msg="\AdvLinkMTU is out of rangeAdvLinkMTU must be zero or between <value_1> and <value_2> for <interface_name>\" • msg="\AdvLinkMTU is too smallAdvLinkMTU must be zero or greater than <value> for <interface_name>\"
Meaning	The AdvLinkMTU value is out of range or too small and must be changed.

AdvReachableTime is too small

ID	3106
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="AdvReachableTimeis too smallAdvReachableTime must be less than <value> for <interface_name>\"
Meaning	The AdvReachableTime value is too small and must be changed.

AdvCurHopLimit is too big

ID	3107
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="\AdvCurHopLimit in Router Advertisement packet is too bigAdvCurHopLimit must not be greater than <value> for <interface_name>\"
Meaning	The AdvCurHopLimit value for the router advertisement packet is too large and must be changed.

AdvCurHopLimit is out of range

ID	3108
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Type	Event log
Subtype	Router
Severity	Critical
Message	msg="AdvCurHopLimit in Router Advertisement packet is out of rangeAdvDefaultLifetime for <interface_name> must be zero or between <value1> and <value2>"
Meaning	The AdvCurHopLimit value for the router advertisement packet is out of range and must be changed.

HomeAgentLifetime out of range

ID	3109
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="HomeAgentLifetime in Router Advertisement packet is out of rangeHomeAgentLifetime must be between <value_1> and <value_2> for <interface_name>"
Meaning	The HomeAgentLifetime value for the router advertisement packet is out of range and must be changed.

AdvHomeAgentFlag not set

ID	3110
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="AdvHomeAgentFlag HomeAgentLifetime in Router Advertisement packet must be set with HomeAgentInfoAdvHomeAgentFlag must be set with HomeAgentInfo"
Meaning	The AdvHomeAgentFlag has not been set.

Prefix length too long

ID	3111
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Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"prefix length is too longinvalid prefix length for <interface_name>\"
Meaning	The prefix length is invalid because it is too long.

AdvValidLifetime less than AdvPreferredLifetime

ID	3112
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"AdvValidLifetime is less than AdvPreferredLifetimeAdvValidLifetime must be greater than AdvPreferredLifetime for <interface_name>\"
Meaning	The value for AdvValidLifetime must be greater than the value for AdvPreferredLifetime.

RA daemon failed to create IPv6 socket

ID	3113
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"radvd failed to create an IPv6 socket <IPv6_address>\"
Meaning	The router advertisement (RA) daemon failed to create an IPv6 socket <IPv6_address>.

RA daemon failed to set IPv6 options

ID	3114
Type	Event log
Subtype	Router

Severity	Critical
Message	<ul style="list-style-type: none"> • msg=\"Radvd failed to set IPV6_RECVPKTINFO option <IPv6_address>\" • msg=\"Radvd failed to set IPV6_PKTINFO option: <IPv6_address>\" • msg=\"Radvd failed to set IPV6_CHECKSUM option <IPv6_address>\" • msg=\"Radvd failed to set IPV6_UNICAST_HOPS option <IPv6_address>\" • msg=\"Radvd failed to set IPV6_MULTICAST_HOPS option: <IPv6_address>\" • msg=\"Radvd failed to set IPV6_RECVHOPLIMIT option: <IPv6_address>\" • msg=\"Radvd failed to set IPV6_HOPLIMIT option <IPv6_address>\" • msg=\"Radvd failed to set ICMPV6_FILTER option <IPv6_address>\"
Meaning	The RA daemon failed to set the specified IPv6 option.

RA daemon failed to create query

ID	3116
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"Radvd cannot create query to interface by using cmf_query_create()Can not create query to interface at <IP_address>\"
Meaning	The RA daemon failed to create the query for the interface.

RA daemon internal error

ID	3117
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"Radvd occurs an internal error when it uses cmf_query_for_each()\"
Meaning	There is an internal error when the RA daemon sends a query.

RA daemon cannot find a virtual interface

ID	3118
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd failed to find a virtual interface by interface indexInterface <interface_name> not found in the list!\"
Meaning	The router advertisement daemon cannot find the specified virtual interface.

RA daemon unloaded or reloaded interface

ID	3119
Type	Event log
Subtype	Router
Severity	Information
Message	<ul style="list-style-type: none">• msg="\Interface <interface_name> unloaded!\"• msg="\Radvd reloads a specific interface Interface <interface_name> reloaded!\"
Meaning	The RA daemon unloaded or reloaded the specified interface.

RA daemon received packet without packet information

ID	3120
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="\Radvd received a packet with no pkt_inforeceived packet with no pkt_info!\"
Meaning	The RA daemon received a packet that did not include any packet information.

RA daemon received ICMPv6 packet with invalid length

ID	3121
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="Radvd received an icmpv6 packet with invalid lengthreceived icmpv6 packet with invalid length: <packet_length>\"
Meaning	The RA daemon received an ICMPv6 packet with an invalid length.

RA daemon received unwanted ICMPv6 packet

ID	3122
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd received an unwanted type of icmpv6 packeticmpv6 filter failed\"
Meaning	The ICMPv6 filter failed, and the RA daemon received an unwanted type of ICMPv6 packet.

RA daemon received ICMPv6 RA packet with invalid length

ID	3123
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="Radvd received icmpv6 RA packet with invalid lengthreceived icmpv6 RA packet with invalid length: <packet_length>\"
Meaning	The RA daemon received an ICMPv6 RA packet with an invalid length.

RA daemon received ICMPv6 RA packet with non-link-local source address

ID	3124
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"Radvd received icmpv6 RA packet with non-linklocal source addressreceived icmpv6 RA packet with non-linklocal source address\"
Meaning	The RA daemon received an ICMPv6 RA packet with a non-link-local source address.

RA daemon received ICMPv6 RS packet with invalid length

ID	3125
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"Radvd received icmpv6 RS packet with invalid lengthreceived icmpv6 RS packet with invalid length: <packet_length>\"
Meaning	The router advertisement daemon received an ICMPv6 router solicitation (RS) packet with an invalid length.

RA daemon received ICMPv6 RS or RA packet with invalid code

ID	3126
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"Radvd received icmpv6 RS/RA packet with invalid codereceived icmpv6 RS/RA packet with invalid code: <code>\"
Meaning	The RA daemon received an ICMPv6 RS or RA packet with an invalid code.

RA daemon received ICMPv6 RS or RA packet with invalid hop limit

ID	3127
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="Radvd received icmpv6 RS/RA packet with wrong hoplimitreceived RS or RA with invalid hoplimit <hop_limit> from <interface_name>"
Meaning	The RA daemon received an ICMPv6 RS or RA packet with the wrong hop limit.

AdvCurHopLimit does not agree with remote site

ID	3128
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="AdvCurHopLimit on our interface does not agree with a remote siteour AdvCurHopLimit on <local_value> doesn't agree with <remote_value>"
Meaning	The value for AdvCurHopLimit on the local interface is different than the value on a remote interface.

AdvManagedFlag does not agree with remote site

ID	3129
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="AdvManagedFlag on our interface does not agree with a remote siteour AdvManagedFlag on <local_value> doesn't agree with <remote_value>"
Meaning	The value for AdvManagedFlag on the local interface is different than the value on a remote interface.

AdvOtherConfigFlag does not agree with remote site

ID	3130
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvOtherConfigFlag on our interface does not agree with a remote siteour AdvOtherConfigFlag on <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvOtherConfigFlag on the local interface is different than the value on a remote interface.

AdvReachableTime does not agree with remote site

ID	3131
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvReachableTime on our interface does not agree with a remote siteour AdvReachableTime on <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvReachableTime on the local interface is different than the value on a remote interface.

Local AdvRetransTimer does not agree with remote site

ID	3132
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvRetransTimer on our interface does not agree with a remote siteour AdvRetransTimer on <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvRetransTimer on the local interface is different than the value on a remote interface.

RA daemon found extra data in RA packet

ID	3133
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd finds extra data in RA packettrailing garbage in RA on <IP_address> from <IP_address>"
Meaning	The RA daemon found extra data in the RA packet.

RA daemon found RA packet without option data

ID	3134
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd finds a RA packet with no option datazero length option in RA on <IP_address> from <IP_address>"
Meaning	The RA daemon found an RA packet without any option data.

RA packet option length greater than total length

ID	3135
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="option length is greater than total length in RA packetoption length greater than total length in RA on <IP_address> from <IP_address>"
Meaning	The option length is greater than the total length in the RA packet.

AdvLinkMTU does not agree with remote site

ID	3136
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvLinkMTU on our interface does not agree with a remote siteour AdvLinkMTU on <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvLinkMTU on the local interface is different than the value on a remote interface.

AdvValidLifetime does not agree with remote site

ID	3137
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvValidLifetime on our interface does not agree with a remote siteour AdvValidLifetime on <IP_address> for <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvValidLifetime on the local interface is different than the value on a remote interface.

AdvPreferredLifetime does not agree with remote site

ID	3138
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"AdvPreferredLifetime on our interface does not agree with a remote siteour AdvPreferredLifetime on <IP_address> for <local_value> doesn't agree with <remote_value>\"
Meaning	The value for AdvPreferredLifetime on the local interface is different than the value on a remote interface.

RA daemon found invalid option in RA packet from remote site

ID	3139
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd finds an invalid option in RA packet from a remote siteinvalid option <option_name> in RA on <local_interface> from <remote_interface>\"
Meaning	The RA daemon found an invalid option in an RA packet from a remote site.

RA daemon starting or exiting

ID	3140
Type	Event log
Subtype	Router
Severity	Information
Message	<ul style="list-style-type: none">• msg=\"Radvd daemon is ready to serve radvd started\"• msg=\"Exit signal (<signal>) rcved. Radvd daemon is exiting.\"
Meaning	The RA daemon is ready to start or is exiting.

RA daemon receive message failed

ID	3141
Type	Event log
Subtype	Router
Severity	Critical
Message	msg=\"Recvmsg() in radvd failed recvmsg: <date_time>\"
Meaning	The RA daemon's receive message failed.

RA daemon received invalid IPv6 hop limit

ID	3142
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd received a packet with a wrong IPV6_HOPLIMITreceived a bogus IPV6_HOPLIMIT from the kernel! len=<packet_length>, data=<hop_limit>\"
Meaning	The RA daemon received a packet with the wrong IPv6 hop limit.

RA daemon received invalid IPv6 packet information

ID	3143
Type	Event log
Subtype	Router
Severity	Critical
Message	msg="Radvd received a packet with a wrong IPV6_PKTINFOreceived a bogus IPV6_PKTINFO from the kernel! len=<packet_length>, index=<packet_index>\"
Meaning	The RA daemon received a packet with the wrong IPv6 packet information.

RA daemon failed when checking membership in all-routers multicast group

ID	3144
Type	Event log
Subtype	Router
Severity	Warning
Message	msg="Radvd failed to check whether we've joined the all-routers multicast groupproblem checking all-routers membership on <IP_address>\"
Meaning	The RA daemon failed when it was checking membership in the all-routers multicast group.

RA daemon send message failed

ID	3145
Type	Event log
Subtype	Router
Severity	Warning
Message	msg=\"sendmsg () in radvd failedsendmsg: <date_time>\"
Meaning	The RA daemon's send message failed.

STP log messages

The log messages in this section are for Spanning Tree Protocol (STP) issues.

Interface shut down because BPDUs detected

ID	8000
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg="BPDU Guard: BPDU detected on <interface_name>. Shutting down <interface_name>."
Meaning	Bridge protocol data units (BPDUs) were detected on the specified interface, which will be shut down.

BPDU guard resetting interface

ID	8001
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg="BPDU Guard: Resetting <interface_name>."
Meaning	BPDU guard detected BPDUs on the specified interface, which will be reset.

STP loop protection detected BPDU loss on port

ID	8100
Type	Event log
Subtype	Spanning tree
Severity	Notice

Message	msg=\"STP Loop Protection: BPDU loss detected on Port <port_name> (changed state to discarding)\"
Meaning	The STP loop-protection feature detected BPDU loss on the specified port.

STP loop protection detected BPDUs resumed on port

ID	8101
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"STP Loop Protection: BPDUs resumed on <port_name>\"
Meaning	The STP loop-protection feature detected that BPDUs have resumed on the specified port.

STP root guard unblocked port

ID	8102
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"STP Root Guard: Un-blocking <port_name> (STP instance <STP_instance_ID>)\"
Meaning	The STP root-guard feature unblocked the specified port.

STP root guard blocked role transition

ID	8103
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"STP Root Guard: Blocking Role Transition on <port_name> (STP instance <STP_instance_ID>)\"
Meaning	The STP root-guard feature blocked a change in the role on the specified port.

STP root guard detected superior BPDUs received

ID	8150
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg="STP Root Guard: Superior BPDUs received on <port_name> (STP instance <STP_instance_ID>)"
Meaning	The STP root-guard feature detected that the specified port received superior BPDUs.

STP root guard detected superior BPDUs stopped

ID	8151
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg="STP Root Guard: Superior BPDUs stopped on <port_name> (STP instance <STP_instance_ID>)"
Meaning	The STP root-guard feature stopped the specified port from receiving superior BPDUs.

STP enabled on interface

ID	8250
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg="user <user_name> enabled STP on <FortiSwitch_serial_number> interface <interface_name>"
Meaning	The specified user enabled STP on the specified switch interface.

STP disabled on interface

ID	8251
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"user <user_name> disabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
Meaning	The specified user enabled STP on the specified switch interface.

STP edge port enabled on interface

ID	8252
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"user <user_name> enabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
Meaning	The specified user enabled an STP edge port on the specified switch interface.

STP edge port disabled on interface

ID	8253
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"user <user_name> disabled STP on <FortiSwitch_serial_number> interface <interface_name>\"
Meaning	The specified user disabled an STP edge port on the specified switch interface.

STP instance changed state

ID	8254
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"<port_name> port <STP_instance_ID> instance <user_name> changed state from <old_state> to <new_state>\"
Meaning	The specified user changed the state of the STP instance.

STP instance changed role

ID	8255
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"<port_name> port <STP_instance_ID> instance <user_name> changed role from <old_role> to <new_role>\"
Meaning	The specified user changed the role of the STP instance.

Port changed state in RPVST+ domain

ID	8256
Type	Event log
Subtype	Spanning tree
Severity	Notice
Message	msg=\"STP RPVST: port id <port_name> state changed to <state>\"
Meaning	The specified port changed state in a per-VLAN RSTP (Rapid PVST+ or RPVST+) domain.

Switch log messages

The log messages in this section are issues related to switching functionality.

802.1x-authenticated port using MAB is unauthorized

ID	10000
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"user: mac: on port <port_name> MAB mode=<status> unauthorized \"
Meaning	An 802.1x-authenticated port using MAC authentication bypass (MAB) is unauthorized.

802.1x-authenticated port using MAB is authorized

ID	10001
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"user:<user_name> mac: <MAC_address> on port<port_name> <MAB> mode=<mode> authorized set <authorization>=<status> \"
Meaning	An 802.1x-authenticated port is authorized.

No authentication on port

ID	10002
Type	Event log
Subtype	Switch
Severity	Notice

Message	No authentication on port <port_name>
Meaning	The dynamic VLAN identifier and MAC address already exist in the static MAC address entry table.

802.1x-authenticated port reset to unauthorized mode

ID	10003
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"802.1x port <port_name> reset to unauthorized mode and native_vlan =<VLAN_ID>\"
Meaning	The 802.1x-authenticated port was reset to unauthorized mode and to the specified native VLAN identifier.

802.1x-authenticated port not authorized

ID	10004
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"user:<user_name> mac: <MAC_address> on port <port_name> <MAB> mode=<mode> unauthorized set <authorization_status>=<failure>\"
Meaning	The 802.1x-authenticated port is not authorized.

RADIUS CoA disconnected the 802.1x-authenticated session

ID	10005
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"802.1x port session <MAC_address>: disconnected\"
Meaning	RADIUS change of authorization (CoA) was used to disconnect the 802.1x-authenticated session.

RADIUS CoA bounced the 802.1x-authenticated port

ID	10006
Type	Event log
Subtype	Switch
Severity	Notice
Message	<ul style="list-style-type: none">msg=\"802.1x port<port_name> link down\\\"msg=\"802.1x port<port_name> link up.\\\"
Meaning	RADIUS CoA was used to bounce the 802.1x-authenticated port.

RADIUS CoA disabled the 802.1x-authenticated port

ID	10007
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"802.1x port <port_name> link down\\\"
Meaning	RADIUS CoA was used to disable the 802.1x-authenticated port.

RADIUS CoA reauthorized the 802.1x-authenticated session

ID	10008
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"802.1x port session <MAC_address>: re-auth\\\"
Meaning	RADIUS CoA was used to reauthorize the 802.1x-authenticated session.

RADIUS CoA changed the 802.1x-authenticated session timeout

ID	10009
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Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"802.1x port session <MAC_address>: session timeout change:<timeout_value>:\"
Meaning	RADIUS CoA was used to change the timeout setting of the 802.1x-authenticated session.

Maximum number of MAC sessions for system exceeded

ID	10010
Type	Event log
Subtype	Switch
Severity	Warning
Message	MAC= , not authorized, exceed system maximum of <number_of_sessions> MAC sessions.
Meaning	The maximum number of MAC sessions for the system was exceeded.

MAC session counter is not synchronized

ID	10011
Type	Event log
Subtype	Switch
Severity	Notice
Message	ftnt_fswitch_resync_system_mac_session used mac session counter :<counter_ID>: not match with STA. Need to flush all interfaces.\n
Meaning	The MAC session counter is not synchronized. All interfaces must be flushed.

Unsupported egress-VLAN configuration

ID	10012
Type	Event log
Subtype	Switch

Severity	Notice
Message	msg=\\"Unsupported Egress-VLAN configurations with tagged VLANs and INGRESS-FILTERS=DISABLED for mac on <interface_name>. VLANs set to ingress and egress.\\"
Meaning	The egress-VLAN configuration is not supported when the VLANs are tagged and the ingress filters are disabled.

Batch installation failed

ID	10015
Type	Event log
Subtype	Switch
Severity	Notice
Message	<ul style="list-style-type: none"> • failure with batch install size :<size>: with missing Filter-Id :<Filter-Id>:.\n • failure with batch install size :<size>: with Filter-Id :<Filter-Id>: exceed max:<size>: .\n • Filter-Id :<Filter-Id> Exceed ACE maximum <size>, failure with batch install.\n • NAS-Filter-Rule exceed maximum size <size>, failure with batch install.\n • NAS-Rule exceed ACE maximum <size>, failure with batch install.\n • FTNT_fswitch_acl_batch_del failure with batch size :<size>: with reason:<reason>:.\n • DACL batch add failure with batch size :<size>: with reason:<reason>:.\n • DACL populate_acl_batch_entry failure with batch size :<size>: reset STA with zero size .\n
Meaning	Using batch installation for a dynamic ACL failed.

Batch add or delete succeeded

ID	10016
Type	Event log
Subtype	Switch
Severity	Notice
Message	<ul style="list-style-type: none"> • FTNT_Fswitch_acl_batch_del success with batch size :<size>: with reason:<reason>:.\n • FTNT_Fswitch_acl_batch_del success with batch size :<size>: with reason:<reason>:.\n
Meaning	Batch adding or deleting succeeded.

Maximum number of unauthorized MAC sessions exceeded

ID	10017
Type	Event log
Subtype	Switch
Severity	Warning
Message	MAC= , not authorized, exceed <number_of _MAC_sessions> maximum of <number_of _MAC_sessions> MAC sessions.
Meaning	The maximum number of unauthorized MAC sessions was exceeded.

Too many source ports in dynamic ACL

ID	10018
Type	Event log
Subtype	Switch
Severity	Warning
Message	Filter-Id I4 src port exceed 1 limit:<number_of_ports>:\n
Meaning	The number of source ports in the dynamic ACL exceeded the limit.

Too many destination ports in dynamic ACL

ID	10019
Type	Event log
Subtype	Switch
Severity	Warning
Message	Filter-Id I4 dst port exceed 1 limit:<number_of_ports>:\n
Meaning	The number of destination ports in the dynamic ACL exceeded the limit.

Too many port ranges in dynamic ACL

ID	10020
Type	Event log
Subtype	Switch
Severity	Warning
Message	Filter-Id I4 only support single port range either src or dst.\n
Meaning	The dynamic ACL supports a single port range; it can be a source port range or a dynamic port range. Delete any additional port ranges.

VLAN changed for RADIUS CoA

ID	10021
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg=\"802.1x port session <session_number>: CoA Vlan_Id change\"
Meaning	The VLAN ID was changed for RADIUS change of authorization (CoA).

Dynamic ARP inspection messages

ID	10100
Type	Event log
Subtype	Switch
Severity	Warning
Message	<ul style="list-style-type: none"> msg=\" Arp-Insp-Drop: Source interface mismatch {mac=<MAC_address>, vlan=<VLAN_ID>, ip= <IP_address>}.\" msg=\" Arp-Insp-Drop: Source tuple lookup failed {mac=<MAC_address>, vlan=<VLAN_ID>, ip= <IP_address>}.\" msg=\" Arp-Insp-Drop: dest interface mismatch for {mac=<MAC_address>, vlan=<VLAN_ID>, ip= <IP_address>}.\" msg=\" Arp-Insp-Drop: Tuple lookup failed for vlan {mac=<MAC_address>, vlan=<VLAN_ID>, ip= <IP_address>}.\"

Meaning	<ul style="list-style-type: none"> Dynamic ARP inspection (DAI) found the source IP-MAC-address binding to be invalid. DAI failed to find the source IP-MAC-address binding. DAI found the destination IP-MAC-address binding to be invalid. DAI failed to find the VLAN identifier for the IP-MAC-address binding.
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DHCP-snooping messages

ID	10200
Type	Event log
Subtype	Switch
Severity	Notice
Message	<ul style="list-style-type: none"> msg="\Snoop database file is corrupt. Not restoring db.\" msg="\Snoop6 database file is corrupt. Not restoring db.\" msg="\snoop dhcp-server database overflow. \" msg="\snoop database overflow. \" msg="\<switch_interface>\\"<status> \" msg="\Dhcp-Snoop: Incoming intf is not same as learned intf {in-intf=<incoming_interface>, listed-intf=<learned_interface>}.\"
Meaning	<ul style="list-style-type: none"> The DHCP-snooping database file is corrupt and cannot be restored. The DHCPv6-snooping database file is corrupt and cannot be restored. The DHCP-snooping server database has overflowed. The DHCP-snooping client database has overflowed. The interface settings have changed. The incoming interface differs from the learned interface.

Rogue IPv4 DHCP server detected

ID	10201
Type	Event log
Subtype	Switch
Severity	Alert
Message	msg="\A rogue DHCP server has been detected on the interface.\"
Meaning	A rogue IPv4 DHCP server was detected.

Rogue IPv6 DHCP server detected

ID	10202
Type	Event log
Subtype	Switch
Severity	Alert
Message	msg=\"A rogue DHCPv6 server has been detected on the interface\"
Meaning	A rogue IPv6 DHCP server was detected.

Flap guard resetting port

ID	10300
Type	Event log
Subtype	Switch
Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"Flap Guard: Resetting <port_name>.\"• msg=\"Flap Guard: Retain disabled (previously triggered), putting switch port <port_number> as up\"
Meaning	<ul style="list-style-type: none">• Flap guard is resetting the specified port so that port's state will be up.• Flap guard keeps the “triggered” setting for the port when the port's state is changed to up.

Flap guard shutting down port

ID	10301
Type	Event log
Subtype	Switch
Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"Flap Guard: putting switch port <port_name> as down\"• msg=\"Flap Guard: Retaining previously triggered switch port setting for <port_name> as down\"
Meaning	<ul style="list-style-type: none">• Flap guard is shutting down the specified port.• Flap guard keeps the “triggered” setting for the port when the port is shut down.

Loop guard shutting down interface

ID	10400
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="Loop Guard: <loop detected or loop detected with MAC move over threshold> on <switch_interface>. Shutting down <switch_interface>.\"
Meaning	Loop guard is resetting the specified port.

Loop guard resetting interface

ID	10401
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="Loop Guard: Resetting <switch_interface>.\"
Meaning	Loop guard is resetting the specified port.

Network monitoring started

ID	10500
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="network monitoring started by user.\"
Meaning	A user started network monitoring.

Network monitoring stopped

ID	10501
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg=\"network monitoring stopped by user.\\\"
Meaning	A user stopped network monitoring.

Sticky MAC entries saved

ID	10600
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"Sticky MAC entries saved = <number_of_entries>.\\\"
Meaning	The specified number of sticky MAC entries have been saved.

Sticky MAC entries cannot be saved

ID	10601
Type	Event log
Subtype	Switch
Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"Warning: <number_of_MAC_addresses> sticky MACs could not be saved because the static-MAC table is full.\\\"• msg=\"Warning: <number_of_MAC_addresses> sticky MACs could not be saved due to learning limit restrictions.\\\"
Meaning	The specified number of sticky MAC addresses cannot be saved either because the static MAC address table is full or because the MAC address learning limit has been reached.

Too many sticky MAC entries saved

ID	10602
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="Warning: Large number of Sticky MAC (<number_of_entries>) entries saved. Some entries may fail to load on reboot.\"
Meaning	Too many sticky MAC entries have been saved, and some might be lost when the switch is rebooted.

Unsaved sticky MAC entries deleted

ID	10603
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg="Unsaved Sticky MAC entries flushed = <number_of_entries>.\"
Meaning	Unsaved sticky MAC entries have been deleted.

MAC address learning limit exceeded

ID	10604
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="The number of saved Sticky MAC (<number_of_entries>) entries exceeds the learning limit (<learning_limit>) for VLAN ID <VLAN_ID>.\"
Meaning	The number of saved sticky MAC entries for the specified VLAN has exceeded the MAC address learning limit.

Static MAC entries exceed the learning limit

ID	10700
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="The number of saved Static MAC (<number_of_entries>) entries exceeds the learning limit (<learning_limit>) for switch interface <switch_interface>."
Meaning	The number of saved static MAC addresses exceeds the MAC address learning limit for the specified switch interface.

Deleting or adding an access VLAN failed

ID	10750
Type	Event log
Subtype	Switch
Severity	Information
Message	<ul style="list-style-type: none">• msg="Access vlan delete failed"• msg="Access vlan delete failed entry-id <VLAN_ID>"• msg="Access vlan add failed"• msg="Access vlan add failed entry-id VLAN_ID"• msg="The Mirror auto-configuration session \"<mirror_session>\" with collector IP <IP_address> has begun auto-configuration."
Meaning	<ul style="list-style-type: none">• Deleting an access VLAN failed.• Adding an access VLAN failed.• The automatic mirror configuration has started.

Automatic mirror configuration failed

ID	10751
Type	Event log
Subtype	Switch
Severity	Critical

Message	msg="The Mirror auto-configuration session \'<mirror_session>' failed to resolve."
Meaning	The automatic mirror configuration has failed.

Automatic mirror configuration completed

ID	10752
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg="The Mirror auto-configuration session \'<mirror_session>' with collector IP <IP_address> has successfully been autoconfigured."
Meaning	The automatic mirror configuration has failed.

Mirroring might be interrupted

ID	10753
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg="The Mirror auto-configuration session \'<mirror_session>' is recalculating. Mirroring may be interrupted."
Meaning	Mirroring might be interrupting while the automatic mirror configuration is recalculating.

Automatic mirror configuration stopping

ID	10754
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg="The Mirror auto-configuration session \'<mirror_session>' is stopping."
Meaning	The automatic mirror configuration is stopping.

FortiGate nonblocking authentication daemon crashed

ID	10900
Type	Event log
Subtype	Switch
Severity	Varies
Message	<ul style="list-style-type: none">• msg=\"Session is NULL, sock is <status>\"• msg=\"session is <session_number>, TAC+ server num is <server_number>, sock is <status>\"
Meaning	The FortiGate nonblocking authentication daemon crashed.

New MAC address learned

ID	11100
Type	Event log
Subtype	Switch
Severity	Information
Message	msg=\"new <MAC_address> learned\"
Meaning	A new MAC address has been learned.

MAC address moved

ID	11101
Type	Event log
Subtype	Switch
Severity	Information
Message	<ul style="list-style-type: none">• msg=\"<MAC_address> moved new interface\"• msg=\"<MAC_address> deleted from old interface\"
Meaning	The MAC address was moved to a new switch interface and deleted from the old switch interface.

MAC address deleted

ID	11102
Type	Event log
Subtype	Switch
Severity	Information
Message	msg=msg("<MAC_address> deleted\\")
Meaning	The MAC address is deleted when the mac-aging-interval is reached.

Bounced switch port now up

ID	11111
Type	Event log
Subtype	Switch
Severity	Information
Message	msg=msg("Bounce port: putting switch port <port_name> as up\\")
Meaning	The bounced switch port is now up.

Bounced switch port now down

ID	11112
Type	Event log
Subtype	Switch
Severity	Information
Message	msg=msg("Bounce port: putting switch port <port_name> as down\\")
Meaning	The bounced switch port is now down.

IGMP-snooping group not added

ID	11120
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Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"IGMP Snooping: unable to program group <IGMP-snooping_group> to hw\"
Meaning	The IGMP-snooping group was not added to the hardware table because of a hash collision.

MLD-snooping group not added

ID	11121
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"MLD Snooping: unable to program group <MLD-snooping_group> to hw\"
Meaning	The MLD-snooping group was not added to the hardware table because of a hash collision.

ACL failed to update

ID	11130
Type	Event log
Subtype	Switch
Severity	Error
Message	msg=\"ACL update : <ACL_ID> failure \"
Meaning	The ACL failed to update.

VLAN list for ring port no longer includes MRP VLAN

ID	11250
Type	Event log
Subtype	Switch
Severity	Warning

Message	msg="The VLAN list for ring-port <port_name> has been changed and no longer includes MRP VLAN <VLAN_ID>."
Meaning	The VLAN list for the ring port no longer includes the VLAN specified for the MRP network.

Ring ports 1 and 2 do not have the same VLAN list

ID	11251
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="MRP ring-port1 and ring-port2 don't have the same vlan list."
Meaning	Ring port 1 and ring port 2 must have the same VLAN list.

MRP ring is open

ID	11252
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="Ring Open detected."
Meaning	The MRP ring is open. Each ring port must be connected to another ring port.

MRP ring is closed

ID	11253
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg="Ring Close detected."
Meaning	The MRP ring is closed.

MRP switch changed from automanager to manager

ID	11254
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"MRP role changed from automanager to manager.\\\"
Meaning	The MRP switch that was assigned the role of automanager has changed to the role of manager.

MRP switch changed from automanager to client

ID	11255
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"MRP role changed from automanager to client.\\\"
Meaning	The MRP switch that was assigned the role of automanager has changed to the role of client.

MRP was restarted

ID	11256
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg=\"restart MRP due to trunk with ring port changed.\\\"
Meaning	The MRP was restarted because a trunk with an MRP ring port changed.

MRP status changed

ID	11257
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Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"MRP is <status>.\"
Meaning	The MRP status changed.

MRP VLAN not included in ring ports

ID	11258
Type	Event log
Subtype	Switch
Severity	Warning
Message	msg=\"Trunk and Ring port association is changed; MRP vlan is not in ring ports.\"
Meaning	The trunk and MRP ring-port association changed, and the MRP VLAN is no longer included in the ring-port configuration.

MRP ring port changed state

ID	11259
Type	Event log
Subtype	Switch
Severity	Notice
Message	msg=\"MRP ring port <port_name> change state to <state>.\"
Meaning	The specified MRP ring port changed state.

VLAN already used by LAN segment

ID	11300
Type	Event log
Subtype	Switch

Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"VLAN in range <VLAN_IDs> is used by LAN segment as internal vlan.• msg=\"VLAN is used by LAN segment as internal vlan when setting native VLAN. Please consider to change LAN segment internal VLAN or use a different VLAN.• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=<VLAN_ID> allowed VLANs=<VLAN_IDs> internal_code=3.\"• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=<VLAN_ID> allowed VLANs=<VLAN_IDs> internal_code=4.\"• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=<VLAN_ID> allowed VLAN=<VLAN_IDs> internal_code=5.\"• msg=\"VLAN is used by LAN segment as internal vlan when, native VLAN=<VLAN_ID> allowed VLANs=<VLAN_IDs> internal_code=1.\"• msg=\"VLAN is used by LAN segment as internal vlan, native VLAN=<VLAN_ID> allowed VLANs=<VLAN_IDs> internal_code=2.\"
Meaning	When you enable LAN segments, FortiSwitchOS automatically assigns a VLAN for internal use. This VLAN cannot be used for any other purpose.

Switch controller log messages

The log messages in this section are for switch-controller (FortiLink) issues.

Switch controller connected with FortiGate

ID	9000
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg="Switch-Controller: connected with FortiGate\"
Meaning	The switch controller connected with a FortiGate unit.

Switch port joined FortiGate trunk

ID	9001
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: <port_name> joined Fortigate-uplink trunk-id(<trunk_name>)\"
Meaning	The switch port joined the FortiGate uplink trunk.

Switch port left FortiGate uplink

ID	9002
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: <port_name> left Fortigate-uplink\"
Meaning	The switch port left the FortiGate uplink.

Switch port in FortiGate uplink ready

ID	9003
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: <port_name> in Fortigate-uplink ready now\"
Meaning	The switch port in the FortiGate uplink is ready.

TPID value changed

ID	9004
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: tpid change old(<old_TPID_value>) new(<new_TPID_value>) fl-ports-bitmap (<port_name>)\"
Meaning	The tag protocol identifier (TPID) value was changed.

Echo failures

ID	9005
Type	Event log
Subtype	Switch controller
Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"FortiLink: <IPv4_address> echo timed out\"• msg=\"FortiLink: <IPv4_address> echo reply timing out echo-miss(<number_of_milliseconds>)\"• msg=\"FortiLink: <IPv4_address> echo reply timed out\"• msg=\"FortiLink: <IPv4_address> invalid echo reply\"
Meaning	The ICMP echo request (ping) failed.

Switch controller disconnected or restarted

ID	9006
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	<ul style="list-style-type: none">msg=\"Switch-Controller: DTLS ALERT received <time_date>\"msg=\"Switch-Controller: Restart caputp since SSL handshake failed <number_of_failures> times\"
Meaning	The switch controller was disconnected or restarted.

User deleted ISL trunk

ID	9007
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: user deleted ISL trunk <trunk_name>\"
Meaning	A user deleted the specified inter-switch link (ISL) trunk.

ISL timing out

ID	9008
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: ISL timing-out for trunk(<trunk_name>) member port-num(<port_ID>) <port_name> did not receive ISL pkt for(<number_of_seconds>) sec\"
Meaning	The ISL timed out because one of the trunk's ports did not receive the ISL packet for a certain number of seconds.

Port joined ISL

ID	9009
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink:<port_name> joined ISL link <ISL_port_group>\"
Meaning	The specified port joined the ISL port group.

Port left ISL

ID	9010
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: <port_name> left ISL link <ISL_port_group>\"
Meaning	The specified port left the ISL port group.

FortiGate uplink trunk not created

ID	9011
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg=\"FortiLink: Fortigate-uplink trunk create failed for member <port_name>\"
Meaning	The FortiGate uplink trunk was not created because of the specified port.

Port not added to FortiGate uplink trunk

ID	9012
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Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg="FortiLink: Fortigate-uplink trunk member-add failed for member <port_name>"
Meaning	The specified port was not added to the FortiGate uplink trunk.

Port not deleted from FortiGate uplink trunk

ID	9013
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	msg="FortiLink: <port_name> member-delete failed for Fortigate-uplink"
Meaning	The specified port was not deleted from the FortiGate uplink trunk.

Switch controller waiting for HTTP/HTTPS daemon

ID	9015
Type	Event log
Subtype	Switch controller
Severity	Notice
Message	<ul style="list-style-type: none">msg="Switch-Controller: waiting for httpsd to start uptime = <number_of_minutes>"msg="Switch-Controller: httpsd started uptime = <number_of_minutes>"
Meaning	The switch controller is waiting for the HTTP and HTTPS daemon to start, or the HTTP and HTTPS daemon has started.

Switch controller log storage 75-percent full

ID	9016
Type	Event log
Subtype	Switch controller

Severity	Warning
Message	msg=\"Switch-Controller: Caputp store logs reached 75 percent of total storage capacity <total_storage> logs\"
Meaning	The allotted storage for switch-controller logs is 75-percent full.

Tunnel mode changed

ID	9017
Type	Event log
Subtype	Switch controller
Severity	Critical
Message	msg=\"Tunnel mode changed old(<old_state>) new(<new_state>).\"
Meaning	The tunnel mode changed states.

Port disabled in FortiLink mode

ID	9018
Type	Event log
Subtype	Switch controller
Severity	Critical
Message	msg=\"FortiLink: disabled port <port_name> port-id=<port_ID> from b(<flags>) fwd(<0 1, if port is STP FORWARD>))\"
Meaning	The specified port was disabled in FortiLink mode.

Port enabled in FortiLink mode

ID	9019
Type	Event log

Subtype	Switch controller
Severity	Critical
Message	msg=\"FortiLink: enable port <port_name> port-id=<port_ID>\"
Meaning	The specified port was enabled in FortiLink mode.

Port removed in FortiLink mode

ID	9020
Type	Event log
Subtype	Switch controller
Severity	Critical
Message	msg=\"FortiLink: removed port <port_name> port-id=<port_ID>\"
Meaning	The specified port was removed in FortiLink mode.

AC discovery type changed

ID	9021 and 9022
Type	Event log
Subtype	Switch controller
Severity	Critical
Message	msg=\"FortiLink over L3 AC discovery-type changed old(<old_status>) new(<new_status>).\"
Meaning	The <code>ac-discovery-type</code> was changed while operating in FortiLink mode over a layer-3 network.

System log messages

The log messages in this section are issues related to the overall operation of the FortiSwitch unit.

Alarm occurred

ID	30100
Type	Event log
Subtype	System
Severity	Alert
Message	msg=\"<alarm_ID>\"
Meaning	An alarm occurred.

Alarm acknowledged

ID	30101
Type	Event log
Subtype	System
Severity	Alert
Message	msg=\"<alarm_ID>\"
Meaning	The alarm was acknowledged.

Domain name in alert email cannot be resolved

ID	30150
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Can't resolve the IP address of <alert_email_address_sender>\"
Meaning	The domain name of the sender of the alert email cannot be resolved.

Alert email failed

ID	30151
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Failed to send alert email from <user_name> to (<user_name>)\"
Meaning	Sending the alert email failed.

Alert email resent

ID	30152
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"Resending alert e-mail with <number of alerts> pending alert(s) from <user_name> to (<user_name>)\"
Meaning	The alert email was successfully resent.

FortiSwitch unit started

ID	30200
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"FortiSwitch started <time>\"
Meaning	The FortiSwitch unit was started.

FortiSwitch unit rebooted

ID	30201
Type	Event log
Subtype	System
Severity	Critical
Message	<ul style="list-style-type: none">msg=\"User <user_name> rebooted the device. The reason is 'restore configuration'\"msg=\"User <user_name> rebooted the device from <IP_address>\"
Meaning	The specified user rebooted the FortiSwitch unit.

Daily FortiSwitch unit restart

ID	30202
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"System will reboot due to scheduled daily restart.\"
Meaning	The FortiSwitch unit is being rebooted because it was scheduled to restart daily.

FortiSwitch unit shut down

ID	30203
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> shutdown the device from <IP_address>\"
Meaning	The specified user shut down the FortiSwitch unit.

CA certificate will be automatically updated

ID	30300
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Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"CA certificate <certificate_name> will auto-update in <number_of_days> days.\"
Meaning	The certificate authority (CA) certificate will automatically update in the specified number of days.

Local certificate will be automatically regenerated

ID	30301
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Local certificate <certificate_name> will auto-regenerate in <number_of_days> days.\"
Meaning	The local certificate will automatically regenerate in the specified number of days.

Certificate failed to automatically update

ID	30302
Type	Event log
Subtype	System
Severity	Error
Message	msg=\"<certificate_name>\"
Meaning	The certificate failed to automatically update.

Certificate failed to automatically regenerate

ID	30303
Type	Event log
Subtype	System
Severity	Error

Message	msg=\"<certificate_name>\"
Meaning	The certificate failed to automatically regenerate.

PKCS #12 certificate imported

ID	30304
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> imported the certificate from <path>\"
Meaning	The specified user imported a PKCS #12 certificate.

CRL update requested

ID	30306
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"User <user_name> requested a CRL update from <URL>\"
Meaning	The specified user requested an update for a certificate revocation list (CRL).

Power supply restored

ID	30400
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"Power supply <unit_ID> restore\"
Meaning	The specified power supply unit was restored.

Power supply failed

ID	30401
Type	Event log
Subtype	System
Severity	Critical
Message	msg="Power supply <unit_ID> failure"
Meaning	The specified power supply unit failed.

System configuration changed

ID	30500
Type	Event log
Subtype	System
Severity	Alert
Message	<ul style="list-style-type: none">• msg="<user_name> made a change from <module>:<submodule>"• msg="Configuration is changed in the admin session"
Meaning	The specified user changed the system configuration.

System configuration changed using the GUI

ID	30501
Type	Event log
Subtype	System
Severity	Alert
Message	msg="User <user_name> made a change via <GUI>: <submodule>"
Meaning	The specified user changed the system configuration from the GUI.

System configuration restored

ID	30502
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Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> restored the configuration from <IP_address>\"
Meaning	The specified user restored the system configuration.

Restoring the configuration failed

ID	30503
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"User <user_name> failed to restore the configuration from <IP_address>\"
Meaning	The specified user failed to restore the system configuration.

System reset to factory settings

ID	30507
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> reset to the factory settings from <IP_address>\"
Meaning	The specified user reset the system to factory default settings.

Global setting changed

ID	30514
Type	Event log
Subtype	System
Severity	Notice

Message	<ul style="list-style-type: none"> • msg="User <user_name> changed global setting from <old_value>" • msg="User <user_name> changed hostname global setting to <new_value> from <old_value>" • msg="User <user_name> changed timeout global setting to <new_value> from <old_value>" • msg="User <user_name> changed detection-interval global setting to <new_value> from <old_value>" • msg="User <user_name> changed fail_times global setting to <new_value> from <old_value>" • msg="User <user_name> changed dst global setting to <new_value> from <old_value>"
Meaning	<ul style="list-style-type: none"> • The specified user changed a global setting. • The specified user changed the global host name setting. • The specified user changed the global timeout setting. • The specified user changed the global detection-interval setting. • The specified user changed the global failtime setting. • The specified user changed the global destination setting.

System configuration backed up

ID	30515
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none"> • msg="User <user_name> backed up the configuration from <IP_address>" • msg="User <user_name> backed up the configuration from <IP_address> to flash disk" • msg="Automatic configuration backup to flash disk succeeded" • msg="User <user_name> backed up the configuration by SCP" • msg="Configuration backed up to flash disk after system upgrading"
Meaning	<ul style="list-style-type: none"> • The specified user backed up the system configuration. • The specified user backed up the system to a flash drive. • The system configuration was successfully automatically backed up to a flash disk. • The specified user backed up the system configuration using the Secure Copy Protocol (SCP). • After the system was upgraded, the system configuration was backed up to a flash disk.

Configuration revision uploaded

ID	30516
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Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"User <user_name> upload the <file_name> from <IP_address> to flash disk\"
Meaning	The specified user uploaded the configuration revision to the flash disk.

Database revision deleted

ID	30518
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"<item>:<revision_number> has been deleted from revision data base\"
Meaning	The item has been deleted from the revision database.

Revision item deleted from flash disk

ID	30520
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"User <user_name> delete the <item> from <path> from flash disk\"
Meaning	The specified user deleted the revision item from the flash disk.

Command failed

ID	30522
Type	Event log
Subtype	System
Severity	Notice

Message	msg=\"Command failed: <user_name>. Return code <code_number>\"
Meaning	The command failed.

Failed to back up system configuration

ID	30524
Type	Event log
Subtype	System
Severity	Error
Message	<ul style="list-style-type: none">• msg=\"User <user_name> failed to backup the configuration from <IP_address> to flash disk\"• msg=\"Automatic configuration backup to flash disk failed(<IP_address>)\"• msg=\"Failed to backup configuration after system upgrading: <IP_address>\"
Meaning	<ul style="list-style-type: none">• The specified user failed to back up the system configuration to the flash disk.• Automatically backing up the system configuration to the flash disk failed.• After the system was upgraded, the system configuration backup failed.

Layer-2 table is more than 75-percent full

ID	30532
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"L2 table utilization is over 75 percent(current_size <current_size>, max size <maximum_size>).\"
Meaning	The layer-2 table is more than 75-percent full.

Layer-2 table is less than 70-percent full

ID	30533
Type	Event log
Subtype	System

Severity	Warning
Message	msg=\\\"L2 table utilization is below 70 percent(current_size <current_size>, max size <maximum_size>).\\"
Meaning	The layer-2 table is less than 70-percent full.

Daemon started

ID	30700
Type	Event log
Subtype	System
Severity	Information
Message	msg=\\\"Daemon <daemon_name> started\\\"
Meaning	The specified daemon was started.

Daemon shut down

ID	30701
Type	Event log
Subtype	System
Severity	Information
Message	msg=\\\"Daemon <daemon_name> shut down\\\"
Meaning	The specified daemon was shut down.

IP address too small

ID	30901
Type	Event log
Subtype	System
Severity	Varies

Message	msg=\"Address for requested options is too small. Dump all config: \n timeout: <time>\n init_interval: <initial_interval>\n retry_interval: <retry_interval>\n select_interval: <select_interval>\n reboot_timeout: <reboot_timeout>\n backoff_cutoff: <backoff_cutoff>\n arpcheck_timeout: <ARP_check_timeout>\n requested_lease: <requested_lease>\n requested_options address: <IP_address>\n\"
Meaning	The DHCP client module daemon reported crash information for the log because the IP address for the requested options is too small.

Log information from the DHCP client module daemon

ID	30902-30909
Type	Event log
Subtype	System
Severity	Varies
Message	msg=\"<log_entry>\"
Meaning	The DHCP client module daemon reported information for the log.

DHCP statistics

ID	31004
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"<how_much_of_total_is_used>\"
Meaning	The system reports how much of DHCP-snooping binding database for the interface is used.

DHCP server used all of its leases

ID	31005
Type	Event log
Subtype	System
Severity	Warning

Message	msg=\"DHCP server <IP_address> has used up all of its leases\"
Meaning	The specified DHCP server has used all of its leases.

DHCP server used most of its leases

ID	31006
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"DHCP server <IP_address> has used up over 80%% of its leases\"
Meaning	The specified DHCP server has used over 80 percent of its leases.

DHCP server sends a DDNS add query

ID	31007
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"DHCP server sends a DDNS add query\"
Meaning	The DHCP server is sending a DDNS add query.

DHCP server sends a DDNS delete query

ID	31008
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"DHCP server sends a DDNS delete query\"
Meaning	The DHCP server is sending a DDNS delete query.

DHCP server blocked the DHCP client

ID	31009
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"DHCP client is blocked by the DHCP server\"
Meaning	The DHCP server blocked the DHCP client.

DHCP server sends a DHCP acknowledgment

ID	31010
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"DHCP server sends a DHCPACK\"
Meaning	The DHCP server sends a DHCP acknowledgment message

DHCP server receives a DHCP release

ID	31011
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"DHCP server receives a DHCPRELEASE\"
Meaning	The DHCP server receives a DHCP release message.

Administrator logged in successfully

ID	32001
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Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg=\"Administrator <user_name> logged in successfully from <IP_address>\"• msg=\"Administrator <user_name> accepted login disclaimer and logged in successfully from <IP_address>\"
Meaning	An administrator logged in successfully.

Administrator failed to log in

ID	32002
Type	Event log
Subtype	System
Severity	Alert
Message	msg=\"Administrator <user_name> login failed from <IP_address>\"
Meaning	An administrator failed to log in.

Administrator logged out

ID	32003
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Administrator <user_name> <action> <status>\"
Meaning	An administrator logged out.

Admin login disabled because of login failures

ID	32008
Type	Event log
Subtype	System

Severity	Alert
Message	<ul style="list-style-type: none">msg="Login disabled from IP <IP_address> for <number_of_seconds> seconds because of <number_of_attempts> bad attempts"msg="Administrator <user_name> disabled from logging in for <number_of_seconds> seconds because of <number_of_attempts> bad attempts"
Meaning	The admin login was disabled because of too many failed attempts to log in.

Alarm test

ID	32010
Type	Event log
Subtype	System
Severity	Alert
Message	msg="Alarm testing"
Meaning	The alarm is being tested.

Partitioning or formatting error

ID	33000
Type	Event log
Subtype	System
Severity	Warning
Message	msg="Partitioning or formatting error (<error_number>, <error_message>) partition=<partition_name> format=<type> label=<label_name>"
Meaning	A partitioning error or formatting error occurred.

Log disk failure imminent

ID	33001
Type	Event log
Subtype	System

Severity	Critical
Message	msg=\"Log disk failure is imminent, logs should be backed up\"
Meaning	This S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) error is erroneous.

Lack of flash space

ID	33002
Type	Event log
Subtype	System
Severity	Critical
Message	Cannot store config due to short of flash space: require <number_of_blocks> blocks, only <number_of_blocks> free blocks left on flash disk
Meaning	The system configuration cannot be saved because of lack of flash space.

Disk formatting requested

ID	33003
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> requested to format <disk_name> disk from <IP_address>\"
Meaning	The specified user requested that the disk to be formatted.

Disk storage set up

ID	33004
Type	Event log
Subtype	System
Severity	Notice
Message	user=\"<user_name>\" ui=<disk storage> action=<action> name=\"<disk name>\"
Meaning	The user set up the disk storage.

Disk storage entry deleted

ID	33005
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"user <user_name> delete disk storage entry\"
Meaning	The user deleted an entry in disk storage.

Fan failure detected

ID	33100
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"FAN failure detected\"
Meaning	A fan failure was detected.

Fan tray not detected

ID	33101
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"FAN TRAY undetected\"
Meaning	The fan tray was not detected.

Fan tray detected

ID	33102
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Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"FAN TRAY detected\"
Meaning	The fan tray was detected.

Fan tray detection failed

ID	33103
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"FAN failure detected\"
Meaning	The fan tray detection failed.

Fan resumed working

ID	33104
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"FAN resumes\"
Meaning	The fan has resumed working.

Administrator runs FIPS self-test

ID	33300
Type	Event log
Subtype	System
Severity	Notice

Message	<ul style="list-style-type: none">• msg="Administrator <user_name> initiates the <test_name> self-test from <IP_address>"• msg="Administrator <user_name> initiates all self-tests from <IP_address>"
Meaning	The administrator starts running the FIPS self-test.

FIPS error mode

ID	33301
Type	Event log
Subtype	System
Severity	Emergency
Message	msg="System enters error-mode due to <reason>"
Meaning	A FIPS error occurred.

Encryption failed

ID	33302
Type	Event log
Subtype	System
Severity	Alert
Message	msg="EVP encryption failed"
Meaning	Encryption has failed.

Decryption failed

ID	33303
Type	Event log
Subtype	System
Severity	Alert
Message	msg="EVP decryption failed"
Meaning	Decryption has failed.

New entropy seed generated

ID	33304
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\" re-seeding entropy {status =<status>, trng=<type_of_random_number_generator>}
Meaning	A new entropy seed has been generated.

HTTPS message

ID	33601
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"<HTTPS code> -- <HTTPS_message>\"
Meaning	An HTTPS message was received.

FortiLAN Cloud started

ID	34000
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"flan_cloud service is started by user.\"
Meaning	The user started FortiLAN Cloud.

FortiLAN Cloud stopped

ID	34001
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Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"flan_cloud service is stopped by user.\"
Meaning	The user stopped FortiLAN Cloud.

SSL connection to FortiLAN Cloud established

ID	34002
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_name> is established.\"
Meaning	The SSL connection to the FortiLAN Cloud has been established.

SSL connection to FortiLAN Cloud down

ID	34003
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_name> is down (reason=<reason>).\"
Meaning	The SSL connection to FortiLAN Cloud is down.

SSL connection to FortiLAN Cloud not established

ID	34004
Type	Event log
Subtype	System

Severity	Warning
Message	msg=\"SSL connection to cloud-manager ip=<IP_address>, port=<port_number> not be established.\"
Meaning	The SSL connection to FortiLAN Cloud cannot be established.

Packet capture stopped because of lack of storage

ID	34006
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"sniffer profile <profile_name> stopped due to storage error. (err=<error>).\"
Meaning	The packet capture stopped because there is not enough storage.

SSL connection being restarted

ID	34007
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Restarting SSL connection, error= <error>.\"
Meaning	The SSL connection was restarted because of an error.

Firmware image loaded

ID	34300
Type	Event log
Subtype	System
Severity	Critical
Message	<ul style="list-style-type: none">msg=\"User <user_name> loaded an image from <IP_address>\"user=\"<user_name>\" ui=<IP_address>

- msg="User <user_name> loaded an image from <IP_address>, the new image does have a valid RSA signature."
- msg="User <user_name> updated the image from <IP_address> (<old_build_number> -> <new_build_number>)"

Meaning The specified user loaded or updated the firmware image.

Firmware image restored

ID	34301
Type	Event log
Subtype	System
Severity	Critical
Message	msg="User <user_name> restored the image from <IP_address> (<old_version_number>,build <old_build_number>-> <new_version_number>,build <new_build_number>)"
Meaning	The specified user restored the firmware image.

Firmware image failures

ID	34306
Type	Event log
Subtype	System
Severity	Critical
Message	<ul style="list-style-type: none"> • msg="User <user_name> loaded a wrong image from <IP_address>." • msg="User <user_name> loaded an image from <IP_address>, the new image has an invalid CC signature." • msg="User <user_name> loaded an image from <IP_address>, the new image has an invalid RSA signature." • msg="User <user_name> loaded an image from <IP_address>, the new image does have a valid RSA signature with new public key." • msg="User <user_name> loaded an image from <IP_address>, System upgrade failed due to file operation failure"
Meaning	<ul style="list-style-type: none"> • The user loaded the wrong firmware image. • The user loaded a firmware image with an invalid CC signature. • The user loaded a firmware image with an invalid RSA signature. • The user loaded a firmware image with a valid RSA signature with a new public key. • The system upgrade failed because of a file operation failure.

Firmware image backed up to flash disk

ID	34314
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Firmware image backed up to flash disk for system <IP_address>\"
Meaning	The firmware image was backed up to a flash disk.

Backing up firmware image failed

ID	34315
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Failed to backup firmware image for system <IP_address>. The reason is: <reason>\"
Meaning	Backing up the firmware image failed.

IP address conflict

ID	35000
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"IP Conflict: conflict detected on system interface <interface_name> for IP address <IP_address>\"
Meaning	An IP address conflict was detected on the specified system interface.

Changes to link monitor

ID	35100
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"<changes>\"
Meaning	Changes were made to the link monitor.

Changes to a static route

ID	35101
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"<changes>\"
Meaning	Changes were made to a static route.

Changes to the link monitor state

ID	35102
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"<changes>\"
Meaning	Changes were made to the link monitor state.

RADIUS IPC error

ID	35200
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Type	Event log
Subtype	System
Severity	Error
Message	msg=\"Unable to initialize RADIUS IPC (<IP_address>)\"
Meaning	The RADIUS IPC could not be initialized.

User viewed memory logs

ID	35213
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"User <user_name> has viewed the memory logs from <log>\"
Meaning	The specified user has viewed memory logs.

Log full

ID	35214
Type	Event log
Subtype	System
Severity	Alert
Message	msg=\"Memory <type> log is <percent> full\"
Meaning	The memory log is full.

Disk has rolled log maximum number of times

ID	35215
Type	Event log
Subtype	System
Severity	Emergency

Message	msg="Disk has rolled the max number of times.It will not roll logs again until deleting some of the old rolled logs.
Meaning	The disk has rolled the logs the maximum number of times. Some of the old rolled logs must be deleted before the disk will start rolling logs again.

System deleted uploaded logs

ID	35216
Type	Event log
Subtype	System
Severity	Information
Message	msg="System deleted logs that are uploaded\"
Meaning	The system deleted uploaded logs.

Log disk full

ID	35217
Type	Event log
Subtype	System
Severity	Emergency
Message	<ul style="list-style-type: none"> • msg="Log disk is <percent> full.System will <action> when reaching <percent>.\" • msg="<log_name> is <percent> full.System will stop <log_name> logging.\" • msg="Disk logs exceed full final warning threshold. Deleted rolled log file <file_name>. • msg="Disk logs exceed full final warning threshold. Deleted rolled packet directory <directory_name>. • msg="Disk logs exceed full final warning threshold. Deleted rolled dlp-archive directory <directory_name>.
Meaning	<ul style="list-style-type: none"> • The log disk is full. The system will stop logging when reaching the specified percentage. • The log disk is full. The system will stop logging. • The size of the disk logs has exceeded the final warning threshold. The rolled log file has been deleted. • The size of the disk logs has exceeded the final warning threshold. The rolled packet directory has been deleted. • The size of the disk logs has exceeded the final warning threshold. The rolled DLP archive directory has been deleted.

Log rotation

ID	35218
Type	Event log
Subtype	System
Severity	Notice
Message	msg="Disk log has rolled."
Meaning	The disk logs have been rolled.

System entered CC error mode

ID	35219
Type	Event log
Subtype	System
Severity	Emergency
Message	<ul style="list-style-type: none">• msg="CC error: Memory logs are full. System entered error mode."• msg="CC error: Disk logs are full. System entered error mode."• msg="CC error: Unknown. System entered error mode."
Meaning	The system is in CC error mode because the memory or disk logs are full.

System reboot required after log disk error

ID	35220
Type	Event log
Subtype	System
Severity	Emergency
Message	msg="System reboot is required after disk error"
Meaning	The system must be rebooted because of a log disk error.

System exited CC error mode

ID	35221
Type	Event log
Subtype	System
Severity	Information
Message	msg="System exiting out of error mode.\"
Meaning	The system is exiting CC error mode.

Logs cleared

ID	35222
Type	Event log
Subtype	System
Severity	Notice
Message	msg="User <user_name> has cleared logs () from <time_range>\"
Meaning	The specified user has cleared logs.

Rolled log files deleted

ID	35223
Type	Event log
Subtype	System
Severity	Notice
Message	msg="User <user_name> has deleted <number_of_logs> rolled <log_type> log file <file_name> (<IP_address>) from <IP_address>\"
Meaning	The specified user has deleted rolled log files.

User failed to view logs

ID	35227
Type	Event log
Subtype	System
Severity	Warning
Message	<ul style="list-style-type: none">• msg=\"System reboot is required after disk error\"• msg=\"User <user_name> failed to access the <log_type> logs from <IP_address>\"
Meaning	<ul style="list-style-type: none">• The system must be restarted after a disk error.• The specified user failed to access the logs.

Daily logging quota full

ID	35229
Type	Event log
Subtype	System
Severity	Alert
Message	msg=\" daily quota is reached.System stops logging until <number_of_seconds> sec later.\"
Meaning	The daily logging quota has been reached, and the system has stopped logging.

Logging file downloaded

ID	35230
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"<action> by user <user_name> via <interface>\"
Meaning	The specified user has used the GUI to download a logging file from the firewall.

Log backed up

ID	35231
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg=\"User <user_name> backed up <log_type> memory log from <IP_address>\"• msg=\"User <user_name> backed up <log_type> log from <IP_address>\"
Meaning	The specified user has backed up the log.

Backing up all logs failed

ID	35232
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg=\"User <user_name> failed to back up <log_type> memory log from <IP_address>\"• msg=\"User <user_name> failed to back up all memory logs (<log_types>) from <IP_address>\"• msg=\"User <user_name> failed to backup all the logs from <IP_address>\"
Meaning	The specified user failed to back up all logs.

All logs backed up

ID	35233
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg=\"User <user_name> backed up all memory logs from <IP_address>\"• msg=\"User <user_name> backed up all the logs from <IP_address>\"
Meaning	The specified user backed up all logs.

Log backup failed

ID	35236
Type	Event log
Subtype	System
Severity	Notice
Message	msg="User <user_name> failed to backup <log_type> log from <IP_address>"
Meaning	The specified user failed to back up all logs.

Warning from monitor-and-alert daemon

ID	35242
Type	Event log
Subtype	System
Severity	Warning
Message	msg="<message_text>."
Meaning	The monitor-and-alert daemon sent a warning.

USB device inserted or removed

ID	35243
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg="USB device inserted"• msg="USB device removed"
Meaning	A USB device was inserted or removed.

Log nearly full

ID	35245
Type	Event log
Subtype	System
Severity	Alert
Message	<ul style="list-style-type: none">• msg=\"Log disk is<percentage> full.System will <action> when reaching <percentage>.\"• msg=\"Log disk is <percentage> full\"
Meaning	The log is nearly full.

Oldest logs uploaded

ID	35246
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"<log> is <percentage> full.System will upload oldest 20%% logs.\"
Meaning	The log is full. The system will upload the oldest 20 percent logs.

Log full

ID	35248
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Memory <log> log is <percentage> full\"
Meaning	The memory log is full.

Log nearly full

ID	35249
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Memory <log> log is <percentage> full\"
Meaning	The memory log is nearly full.

Logs deleted and logs uploaded

ID	35250
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"<log> is <percentage> full.System will delete oldest 20%% uploaded logs, and upload another oldest 20%% un-upload logs.\"
Meaning	The log is full. The sysem will delete 20 percent of logs that were uploaded and then upload 20 percent of the logs that were not previously uploaded.

Log test

ID	36000
Type	Event log
Subtype	System
Severity	Varies
Message	msg=\"user admin logged into the fw - <action>\"
Meaning	Log test

PSU 1 is down

ID	36106
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"PSU 1 is down\"
Meaning	Power supply unit (PSU) 1 is down.

PSU 1 is up

ID	36107
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"PSU 1 is up\"
Meaning	PSU 1 is up.

PSU 2 is down

ID	36108
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"PSU 2 is down\"
Meaning	PSU 2 is down.

PSU 2 is up

ID	36109
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Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"PSU 2 is up\"
Meaning	PSU 2 is up.

Corrupt MAC packet detected

ID	36250
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Corrupted MAC packet detected\"
Meaning	A corrupt MAC packet was detected.

Unable to negotiate

ID	36251
Type	Event log
Subtype	System
Severity	Error
Message	msg=\"Negotiation failed: <IP_address>. Their offer: <IP_address>.\"
Meaning	Unable to negotiate.

SSH server needs rekeying

ID	36252
Type	Event log
Subtype	System
Severity	Warning

Message	msg=\"SSH server rekey\"
Meaning	The SSH server needs rekeying.

Bad packet length

ID	36254
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Bad packet length:<number_of_bytes>\"
Meaning	The maximum packet length was exceeded.

Fan tray status

ID	36300
Type	Event log
Subtype	System
Severity	Warning
Message	Varies
Meaning	The fan tray status is reported.

Alarm testing

ID	36350
Type	Event log
Subtype	System
Severity	Emergency
Message	msg=\"Alarm testing\"
Meaning	The alarm is being tested.

Learning-limit violations reset

ID	42000
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">msg=\"Learn Limit Violation: Resetting violations for VLAN ID <VLAN_ID>.\"msg=\"Learn Limit Violation: Resetting violations for interface <interface_name>.\"msg=\"Learn Limit Violation: Resetting all violations.\"
Meaning	<ul style="list-style-type: none">The learning-limit violation log was cleared for a specific interface.The learning-limit violation log was cleared for a specific VLAN.All learning-limit violation logs were cleared.

Learning-limit violations deleted

ID	42001
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">msg=\"Learn Limit Violation: Clearing (deleting) violations for interface <interface_name>.\"msg=\"Learn Limit Violation: Clearing (deleting) violations for VLAN ID <VLAN_ID>.\"msg=\"Learn Limit Violation: Clearing (deleting) all violations.\"
Meaning	<ul style="list-style-type: none">The learning-limit violations were deleted for a specific interface.The learning-limit violations were deleted for a specific VLAN.All learning-limit violations were deleted.

Learning-limit violation log enabled

ID	42002
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Enabled learning limit violation records.\"
Meaning	The learning-limit violation log has been enabled.

Learning-limit violation log disabled

ID	42003
Type	Event log
Subtype	System
Severity	Notice
Message	msg="Disabled learning limit violation records."
Meaning	The learning-limit violation log has been disabled.

Learning limit exceeded

ID	42004
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none">• msg="VLAN MAC learning limit exceeded, MAC <MAC_address> on VLAN <VLAN_ID> (RX Interface: <interface_name>)."• msg="Interface MAC learning limit exceeded, MAC <MAC_address> on <interface_name> (Packet VID: <VLAN_ID>)."
Meaning	The learning limit was exceeded on the specified VLAN or interface.

VM license file added

ID	42100
Type	Event log
Subtype	System
Severity	Critical
Message	msg="User <user_name> added VM license file."
Meaning	The specified user added a VM license file.

Failed to add VM license file

ID	42101
Type	Event log
Subtype	System
Severity	Critical
Message	msg=\"User <user_name> failed to add VM license file.\"
Meaning	The specified user failed to add a VM license file.

No more IP source guard entries can be added

ID	42200
Type	Event log
Subtype	System
Severity	Warning
Message	msg=\"Not install entry <IP_address> on <switch_interface> due to \"FULL\" error code.\"
Meaning	No more IP source guard entries can be added because the maximum number of entries has been added.

IP source-guard violations

ID	42201
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"Source guard violation, interface=<interface_name>, mac=<MAC_address>, ip=<IP_address>\"
Meaning	Events that violate the IP source-guard settings have occurred.

Cable-diagnostics messages

ID	42300
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none"> • msg="CABLE DIAGNOSE: A cable diagnostic is currently running on <port_name>, please try again in a few moments" • msg="CABLE DIAGNOSE: A cable diagnostic must be performed on port which status configuration is up" • msg="CABLE DIAGNOSE: Error diagnosing cable on port <port_name> (errno = <error_number>)" • msg="CABLE DIAGNOSE: interface=<port_name> result=<result>"
Meaning	<ul style="list-style-type: none"> • Cable diagnostics can be run only on one port at a time. • You need to run cable diagnostics on an active port. • There was an error when running cable diagnostics. • The following results are for cable diagnostics on the specified port.

Global time setting changed

ID	42451
Type	Event log
Subtype	System
Severity	Notice
Message	<ul style="list-style-type: none"> • msg="User <user_name> changed time from <old_date_time> to <new_date_time>" • msg="The ntp daemon step adjusted time from <old_date_time> to <new_date_time> (sync source: <IP_address>)"
Meaning	<ul style="list-style-type: none"> • The specified user changed the global time setting. • The NTP daemon adjusted the global time setting.

Local user added

ID	42471
Type	Event log

Subtype	System
Severity	Notice
Message	msg=\"User <user_name> added local user <user_name> from <IP_address>\"
Meaning	The specified user added a local user.

Local user's setting changed

ID	42472
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"User <user_name> changed local user <user_name> setting from <IP_address>\"
Meaning	The specified user changed the setting for a local user.

Log information from the DHCPv6 client module daemon

ID	42492-42499
Type	Event log
Subtype	System
Severity	Varies
Message	msg=\"<log_entry>\"
Meaning	The DHCPv6 client module daemon reported information for the log.

Start running a script

ID	42520
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"User <user_name> start script <script_name> from <IP_address>\"
Meaning	The specified user started to run a script.

Stopped running a script

ID	42521
Type	Event log
Subtype	System
Severity	Information
Message	<ul style="list-style-type: none">• msg=\"User <user_name> stop script <script_name> from <IP_address>\"• msg=\"User <user_name> stop all scripts from <IP_address>\"
Meaning	<ul style="list-style-type: none">• The specified user stopped running a script.• The specified user stopped running all scripts.

User deleted script results

ID	42523
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"User <user_name> delete the result of script <script_name> from <IP_address>\"
Meaning	The specified user deleted the script output.

Backed up script results

ID	42524
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"backup autoscript <script_name> result via <IP_address> -- <action>\"
Meaning	The script output was backed up.

Checked script status

ID	42525
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"User <user_name> checked the status of autoscript(s) from <IP_address>\"
Meaning	The specified user checked the status of the script.

Script stopped because of output limit

ID	42526
Type	Event log
Subtype	System
Severity	Information
Message	msg=\"script <script_name> stopped due to the output has reached the size limit\"
Meaning	The script stopped running when the output reached the maximum size.

Automation stitch triggered

ID	42580
Type	Event log
Subtype	System
Severity	Notice
Message	msg=\"stitch:<stitch_name> is triggered.\"
Meaning	The trigger for the specified automation stitch has occurred, so the stitch's action will be performed.



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